$$\forall x \{ G(x) \leftrightarrow \{B(x) \vee \exists y \{D(x,y) \wedge H(y)\}\}\}$$

El. $\Leftrightarrow$

$$\forall x \{\{G(x) \Rightarrow \{B(x) \vee \exists y \{D(x,y) \wedge H(y)\}\}\} \wedge \{\{B(x) \vee \exists y \{D(x,y) \wedge H(y)\}\} \Rightarrow G(x)\}\}$$

El. $\Rightarrow$

$$\forall x \{\{\neg G(x) \vee \{B(x) \vee \exists y \{D(x,y) \wedge H(y)\}\}\} \wedge \{\neg\{B(x) \vee \exists y \{D(x,y) \wedge H(y)\}\} \vee G(x)\}\}$$

Move $\neg$ in

$$\forall x \{\{\neg G(x) \vee \{B(x) \vee \exists y \{D(x,y) \wedge H(y)\}\}\} \wedge \{\{\neg B(x) \wedge \neg \exists y \{D(x,y) \wedge H(y)\}\} \vee G(x)\}\}$$

$$\forall x \{\{\neg G(x) \vee \{B(x) \vee \exists y \{D(x,y) \wedge H(y)\}\}\} \wedge \{\{\neg B(x) \wedge \forall y \{\neg D(x,y) \vee \neg H(y)\}\} \vee G(x)\}\}$$

Std. var.

$$\forall x \{\{\neg G(x) \vee \{B(x) \vee \exists y \{D(x,y) \wedge H(y)\}\}\} \wedge \{\{\neg B(x) \wedge \forall z \{\neg D(x,z) \vee \neg H(z)\}\} \vee G(x)\}\}$$

Skolemize

$$\forall x \{\{\neg G(x) \vee \{B(x) \vee \{D(x, F(x)) \wedge H(F(x))\}\}\} \wedge \{\{\neg B(x) \wedge \forall z \{\neg D(x,z) \vee \neg H(z)\}\} \vee G(x)\}\}$$

Drop univ. quant.

$$\{\neg G(x) \vee \{B(x) \vee \{D(x, F(x)) \wedge H(F(x))\}\}\} \wedge \{\{\neg B(x) \wedge \{\neg D(x,z) \vee \neg H(z)\}\} \vee G(x)\}\}$$

$$\{\neg G(x) \vee \{\{B(x) \vee D(x, F(x))\} \wedge \{B(x) \vee H(F(x))\}\} \wedge$$
$$\{\{G(x) \vee \neg B(x)\} \wedge \{G(x) \vee \{\neg D(x, z) \vee \neg H(z)\}\}$$

$$\{\{\neg G(x) \vee \{B(x) \vee D(x, F(x))\}\} \wedge \{\neg G(x) \vee \{B(x) \vee H(F(x))\}\} \wedge$$
$$\{G(x) \vee \neg B(x)\} \wedge \{G(x) \vee \neg D(x, z) \vee \neg H(z)\}$$

CNF

$$\{\neg G(x) \vee B(x) \vee D(x, F(x))\} \wedge \{\neg G(x) \vee B(x) \vee H(F(x))\} \wedge$$
$$\{G(x) \vee \neg B(x)\} \wedge \{G(x) \vee \neg D(x, z) \vee \neg H(z)\}$$

With $\theta = \{x/Linn, z/Prius\}$ and assuming $G(Linn) = 0$, the last clause would be $\{False \vee \neg D(Linn, Prius) \vee \neg H(Prius)\}$ which goes against the given KB. Thus

$KB \models Green(Linn)$